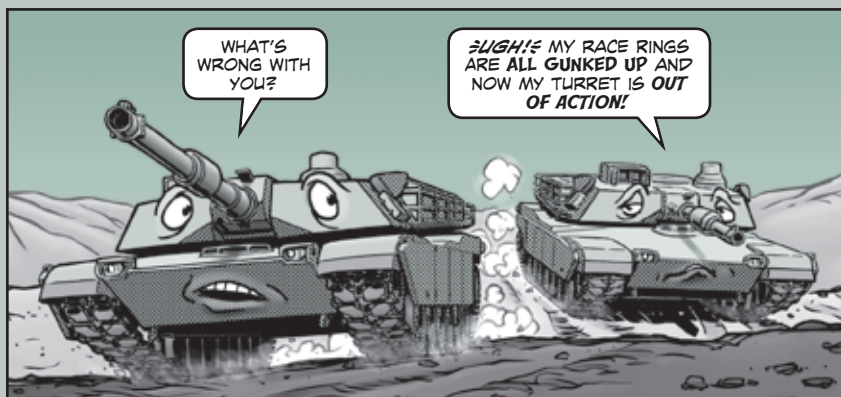


# RACE RINGS AROUND TURRET TROUBLE



Dear Editor,

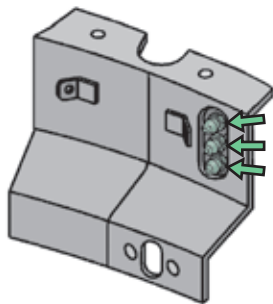
Crewmen need a reminder about lubing the wire race rings, NSN 1015-01-433-7999, on M1-series tanks. It's easy for sand and other stuff to gunk up the race rings. A little PM goes a long way toward keeping things running smooth.

Even if crews do lube the race rings, sometimes grease gets washed away and dirt is forced in when high pressure water or steam is used for cleaning.

The bottom line is too much dirt or too little lube leads to damage to the internal components of the race ring. Then your tank is out of commission!

There's no inspection criteria for the wire race ring, but you still need to lube it monthly. Here's how:

1. Remove the race ring's cover guard, NSN 5340-01-505-2887. You'll see three lube fittings underneath.
2. Use a grease gun to slowly pump two shots of WTR into the top grease fitting while manually traversing the turret two full revolutions.
3. Repeat Step 2, but use the middle grease fitting.
4. For the bottom grease fitting, slowly pump in one shot of WTR while manually traversing the turret one revolution.
5. Reinstall the cover guard.



SSG Scott Bradley  
Ft Carson, CO

Look for three grease fittings under cover guard for wire race ring

**Editor's note:** Listen up, crewmembers. These tips will keep your tank's turret from grinding to a halt!